

Title (en)
SUPPORTING DEVICE FOR TRANSFERRING A FORCE ACTING ON A COUPLING ELEMENT TO A RAILBOUND VEHICLE

Title (de)
TRAGVORRICHTUNG ZUM ÜBERTRAGEN EINER AUF EIN KUPPLUNGSELEMENT WIRKENDEN KRAFT AUF EIN SPURGEBUNDENES FAHRZEUG

Title (fr)
DISPOSITIF DE SUPPORT POUR TRANSMETTRE UNE FORCE AGISSANT SUR UN ÉLÉMENT D'ACCOUPLEMENT À UN VÉHICULE GUIDÉ SUR RAILS

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EP 19729696 A 20190604

Priority

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Abstract (en)
[origin: WO2020001930A1] The invention relates to a supporting device (20) for transferring a force acting on a coupling element (12) to a railbound vehicle (1). The invention further relates to a railbound vehicle having a supporting device. The supporting device comprises a receiving element (22), which is designed to receive the coupling element (12), and a supporting element (30, 40), which is designed to support the receiving element (22). In order to improve the supporting device, the supporting element (30, 40) has a foot element, which is designed to be fixedly connected to the railbound vehicle (1), and a leg element, which runs from the foot element to the receiving element with a curved course. The supporting device (20) is produced, at least in large portions, from fiber-reinforced plastic. Carbon fibers are preferably used as the fibers in order to withstand the high forces that act.

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Citation (search report)
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